

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4115-150-CIP-DIV-</b>
	)		<b>RCE3</b>
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>7909</b>
<b>BRYANT, Joseph, et al.</b>	)		
	)	<b>Art Unit:</b>	<b>1632</b>
<b>Application No.:</b>	)		
<b>10/645,451</b>	)	<b>Examiner:</b>	<b>Marcia S. Noble</b>
	)		
<b>Date Filed:</b>	)	<b>Customer No.:</b>	<b>23448</b>
<b>April 23, 2007</b>	)		
	)		
<b>Title:</b>	)		
<b>HIV AND CD4 TRANSGENIC</b>	)		
<b>ANIMALS AND USES</b>	)		
<b>THEREFOR</b>	)		

**CERTIFICATE OF EFS FILING**

I hereby certify that this document is being filed via EFS in the United States Patent and Trademark Office on **April 30, 2009**.  
/kelly k. reynolds/

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**RESPONSE TO JANUARY 30, 2009 OFFICE ACTION  
IN U.S. PATENT APPLICATION NO. 10/645,451**

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This responds to the January 30, 2009 Office Action in the above-identified application. The time for responding to the January 30, 2009 Office Action without extension was set at three months, or April 30, 2009. This Response is therefore timely.

Please amend the claims of the above-identified patent application as set out in **Section I (Amendments to the Claims)** hereof.

Remarks concerning the amendments to the claims and the substance of the January 30, 2009 Office Action are set out in **Section II (Remarks)** hereof.